

● **BLAUPUNKT**

**AUTORADIO**

**Brighton MP34**

7 644 190 310

**Dresden MP34**

7 644 193 310

**Milano MP34**

7 644 192 310

**Santa Cruz MP34**

7 644 178 310

**Valencia MP34**

7 644 195 310

**Alicante CD34**

7 644 172 310

**Freiburg CD34**

7 644 194 310

**Porto CD34**

7 644 191 310

**San Remo CD34**

7 644 176 310

**Fiat Panda MP3**

7 644 174 310

8 622 404 080 BN-ST 06/04

**Schaltbild • Circuit diagram**

**CLASS 1  
LASER PRODUCT**



**UNSICHTBARE LASERSTRAHLUNG  
NICHT DEM STRAHL AUSSETZEN**

**(D) VORSICHT!**

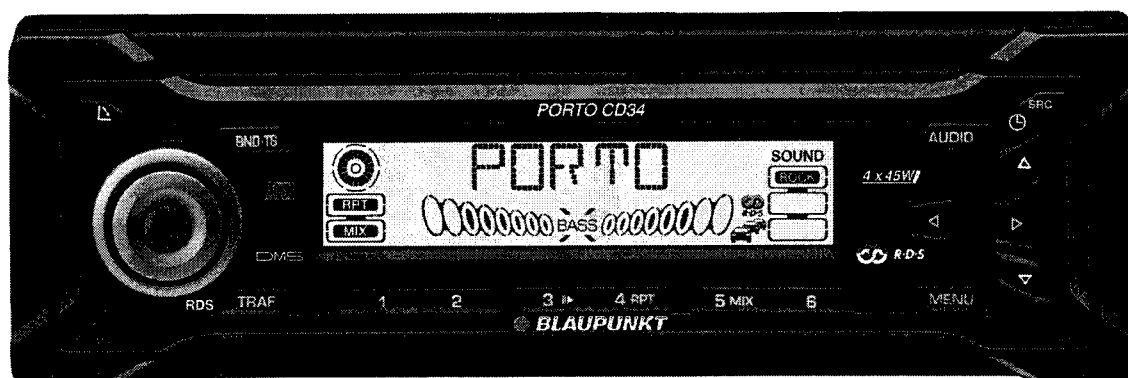
**Die Geräte beinhalten eine Laserkomponente!  
Im Servicefall bitte nachfolgende Hinweise  
beachten:**

- Das Gerät arbeitet mit unsichtbarem Laserstrahl.
- Bei geöffnetem Gerät tritt im Bereich des Plattenfaches Laserstrahlung aus.
- Nicht in den Strahl blicken.
- Unbeteiligte Personen vom Arbeitsplatz fernhalten.
- Der Betrachtungsabstand darf 13 cm nicht unterschreiten.
- Kann dies nicht eingehalten werden, muß eine geeignete Laserschutzbrille getragen werden.

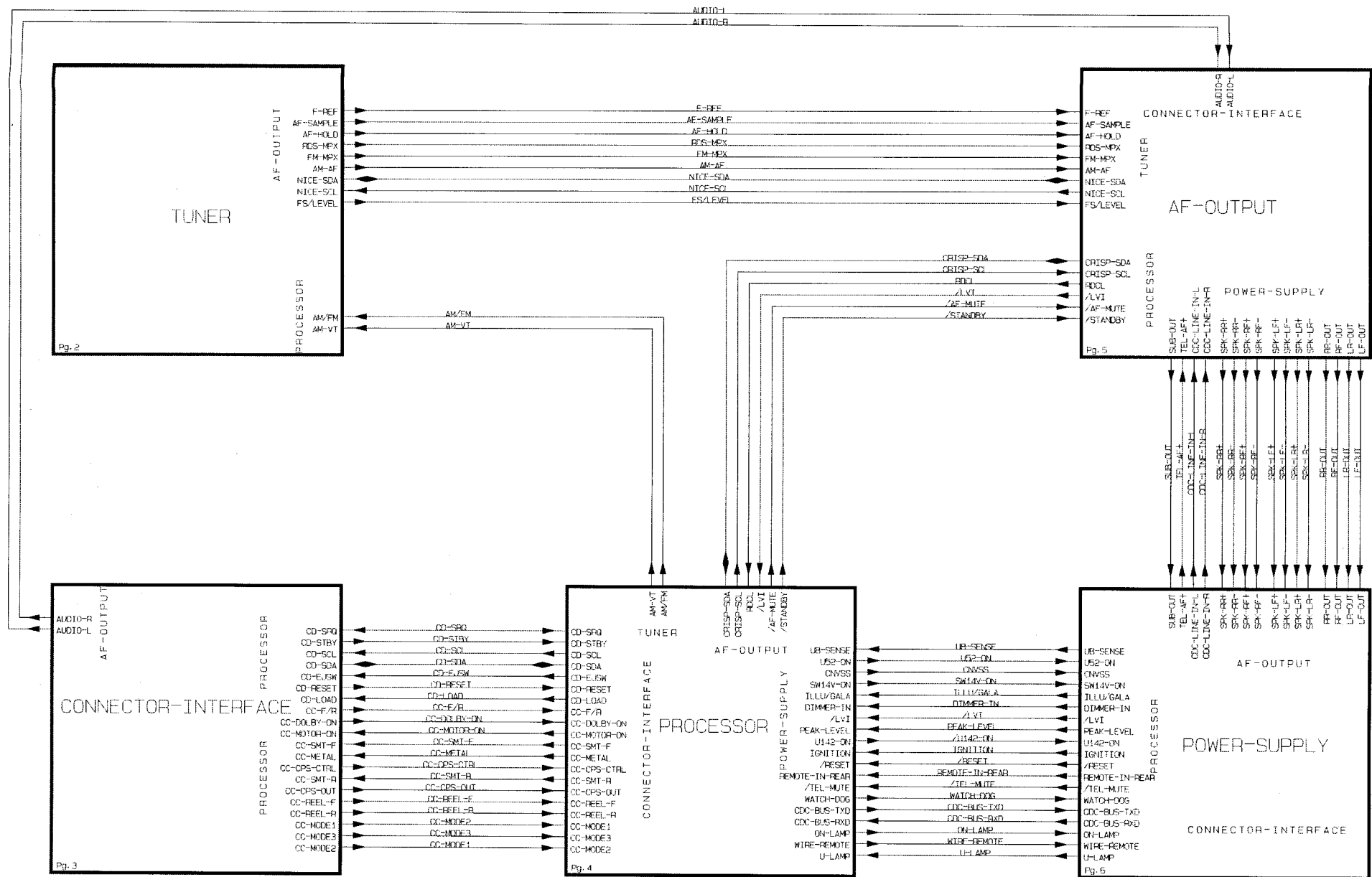
**(GB) CAUTION!**

**The CD units are equipped with a laser component!  
For servicing make sure to observe the following  
instructions:**

- The unit operates with invisible laser beams.
- When the cover is removed, invisible laser beams are emitted near the disc compartment.
- Avoid direct eye contact with these beams.
- Keep unauthorised persons away from the workbench.
- The viewing distance should not be less than 13 cm.
- If this distance cannot be kept, use suitable laser safety goggles.



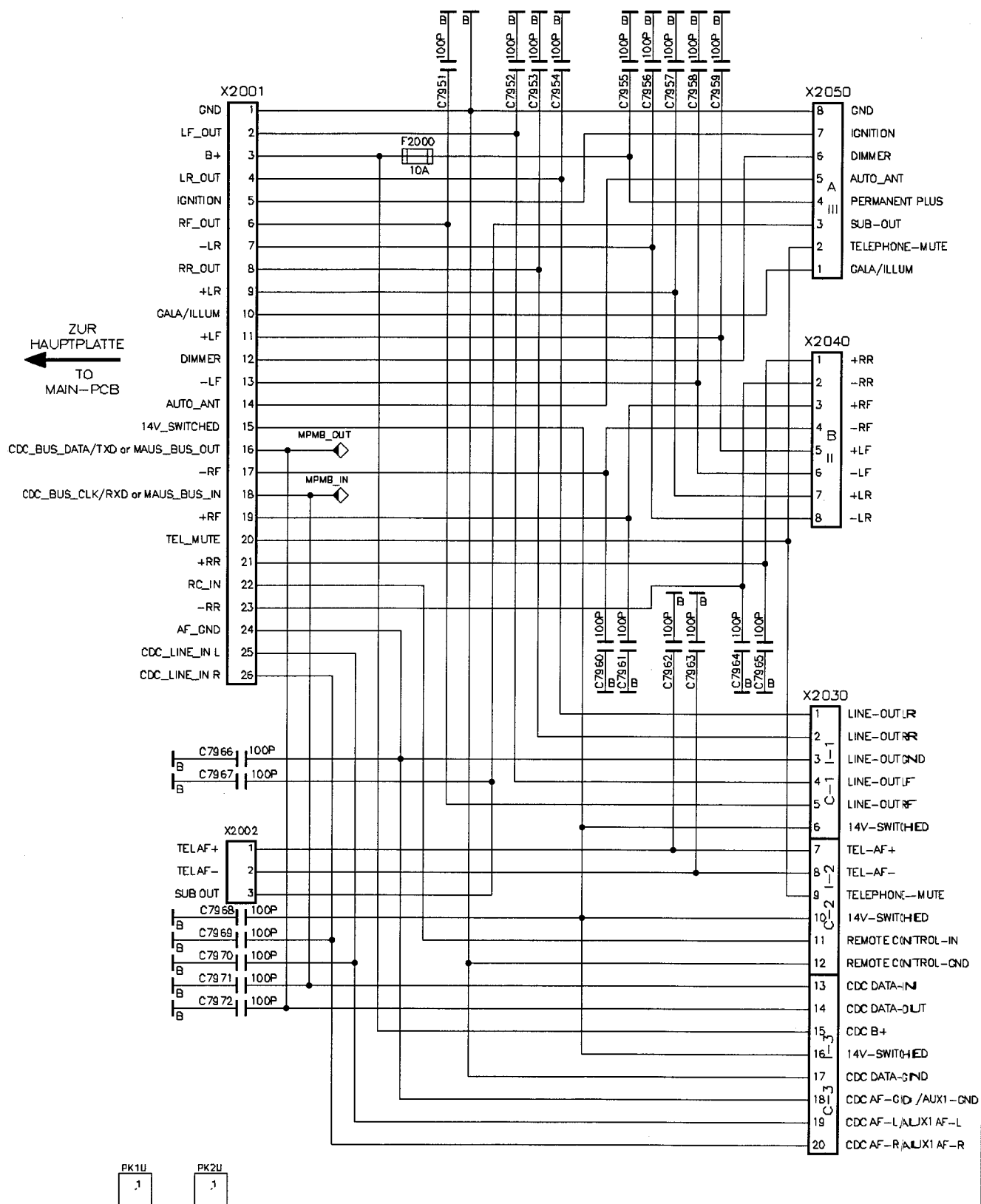
Feature	7 643 194 510	7 643 193 510	7 643 192 510	7 643 191 510	7 643 190 510
	8 638 209 863	8 638 209 864	8 638 209 865	8 638 209 866	8 638 209 867
	Bahamas MP34	Monte Carlo MP34	Venice B. CD34	Atlanta CD34	Daytona B. C34
2V Preamp out	X	X	X	X	X
3V Preamp out					
Sub woofer out					
Infra-red	X	X	X		X
Illu/Gala					
CC Option/Model					X
CD Option/Model	X	X	X	X	
Dimmer Option					
AM-VT Option	X	X	X	X	
C631 (180pF)					X
C632 (1.5nF)					
C633 (330pF)					
C634 (0.47uF)	X	X	X	X	X
D2030 (BC369)	LM317P	LM317P	LM317P	LM317P	BC369
L2 (0.18uH)	X	X	X	X	X
L4 (0.18uH)					
L635 (560uH)					X
L637 (68uH)					X
L638 (560uH)					X
L660 (796KHz)	X	X	X	X	
R604	5.6K	5.6K	5.6K	5.6K	5.6K
R605 (150K)					X
R606	1.8K	1.8K	1.8K	1.8K	1.8K
R608 (0R)	X	X	X	X	
R609 (220K)	X	X	X	X	
R611	2.2K	2.2K	2.2K	2.2K	8.2K
R631 (0R)					X
R632 (0R)	X	X	X	X	
R634 (22K)	X	X	X	X	
R644	470R	470R	470R	470R	1K
R660 (1K)					X
R662 (82R)					X
R2031 (22K)					X
R2032 (470R)	X	X	X	X	
R2033 (68R)	X	X	X	X	
R2034 (3.3K)					X
R2035 (2.7K)	X	X	X	X	
V634 (HYR100)	X	X	X	X	
V2030 (DTC143)					X
V2062	BD436	BD436	BD436	BD436	BC369



HAUPTPLATTE  
MAIN BOARD

Blockschaltbild  
Block diagram

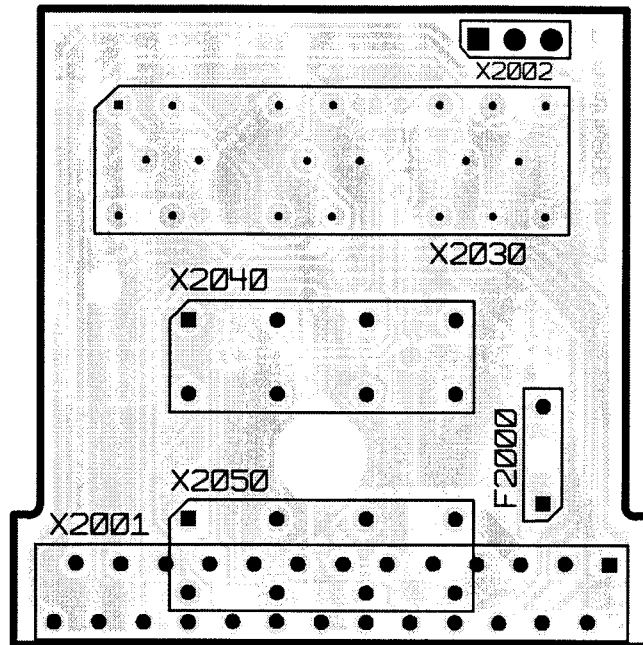
PL 9860 D04



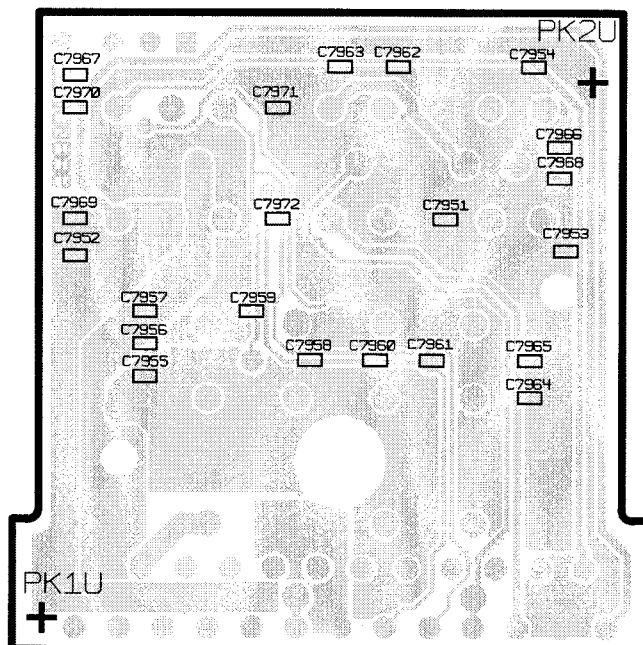
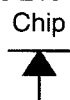
ANSCHLUSSPLATTE  
CONNECTOR BOARD

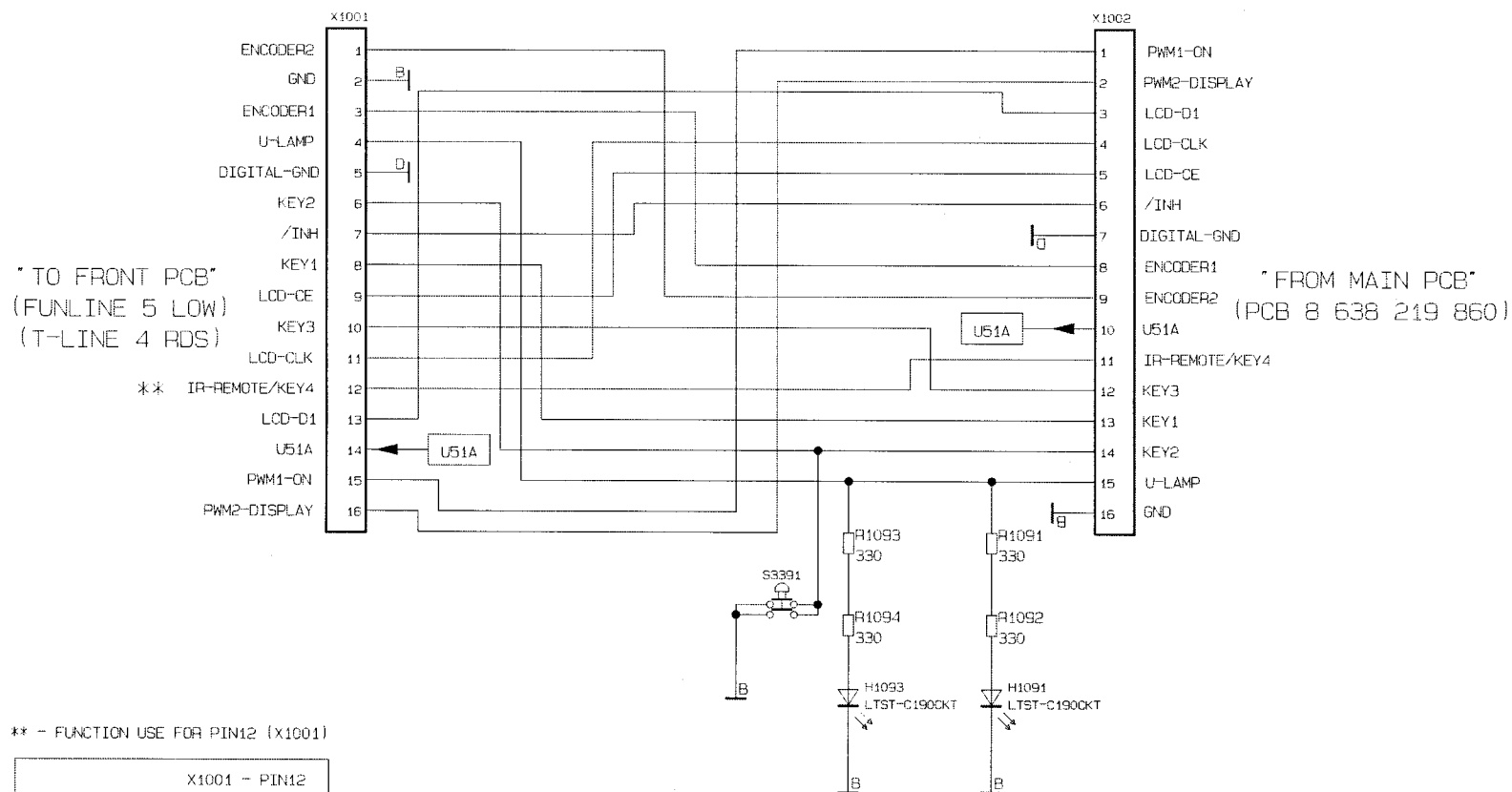
PL 9880 D 01

Anschlussplatte  
Connector board  
PL 8 638 219 880 D01



Anschlussplatte  
Connector board  
PL 8 638 219 880 D01

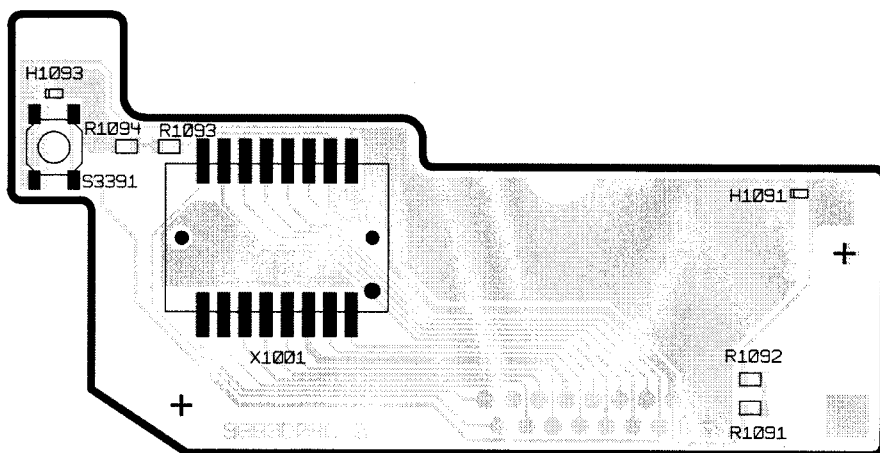




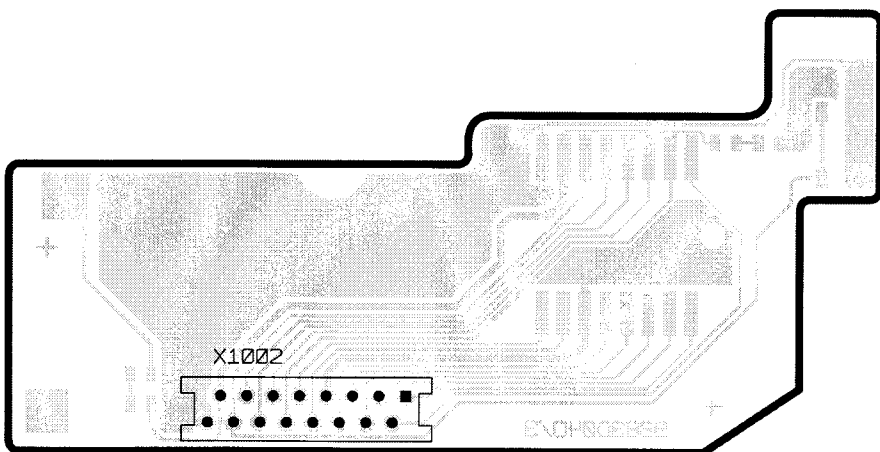
# ZUSATZPLATTE ADDITIONAL BOARD

PL 9883 D04

Zusatzplatte  
Additional board  
PL 8 638 219 883 D04  
Chip



Zusatzplatte  
Additional board  
PL 8 638 219 883 D04

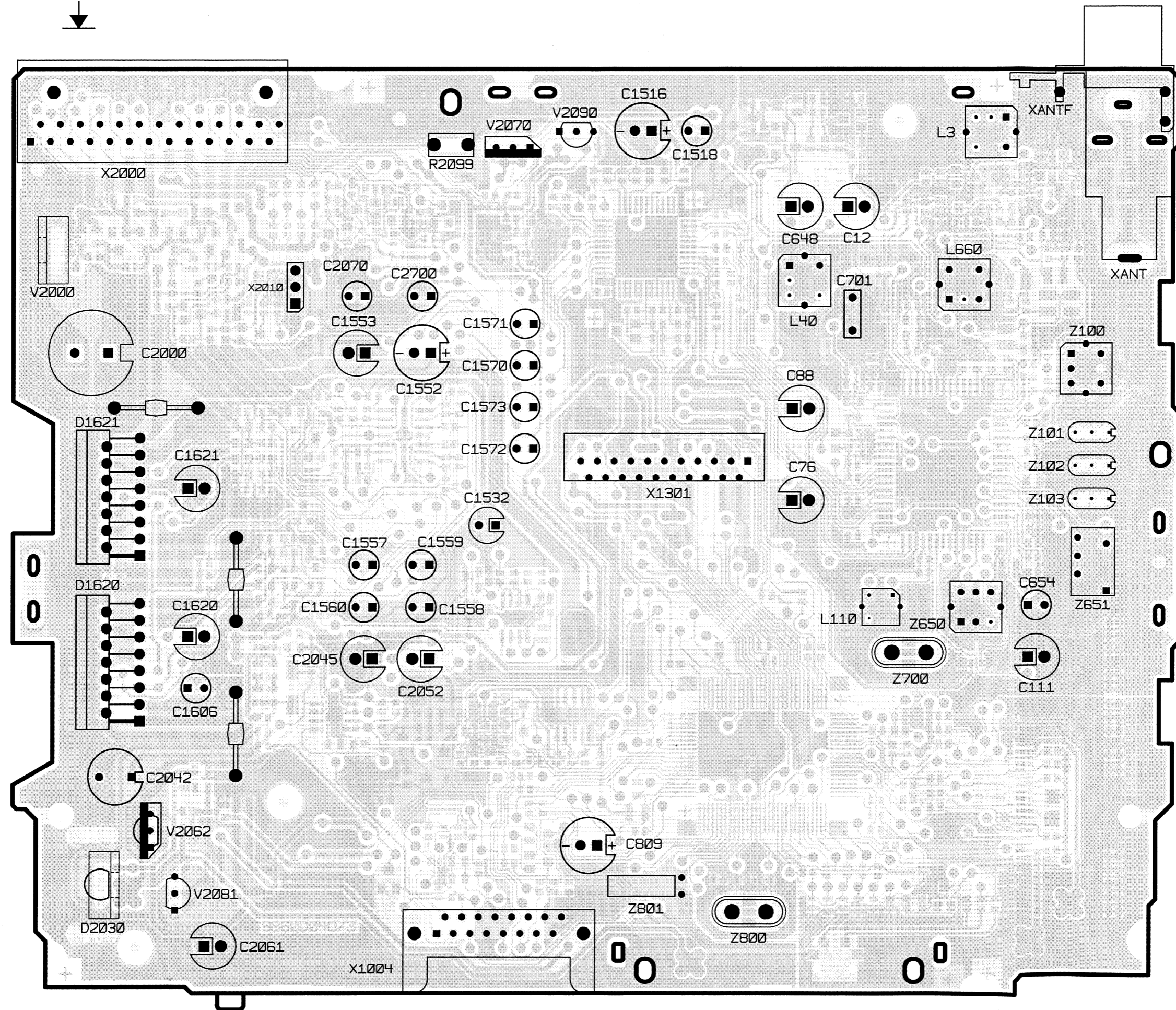




Chip



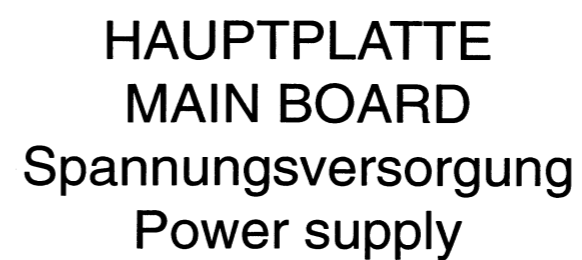
Hauptplatte  
Main board  
PL 8 638 219 860 D04



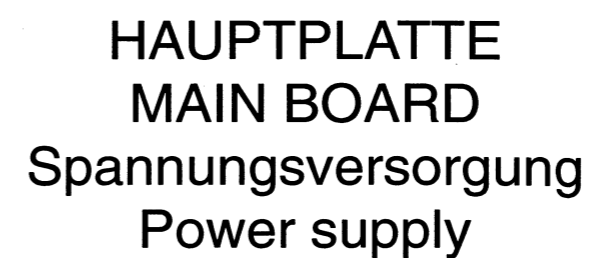








PL 9860 D04

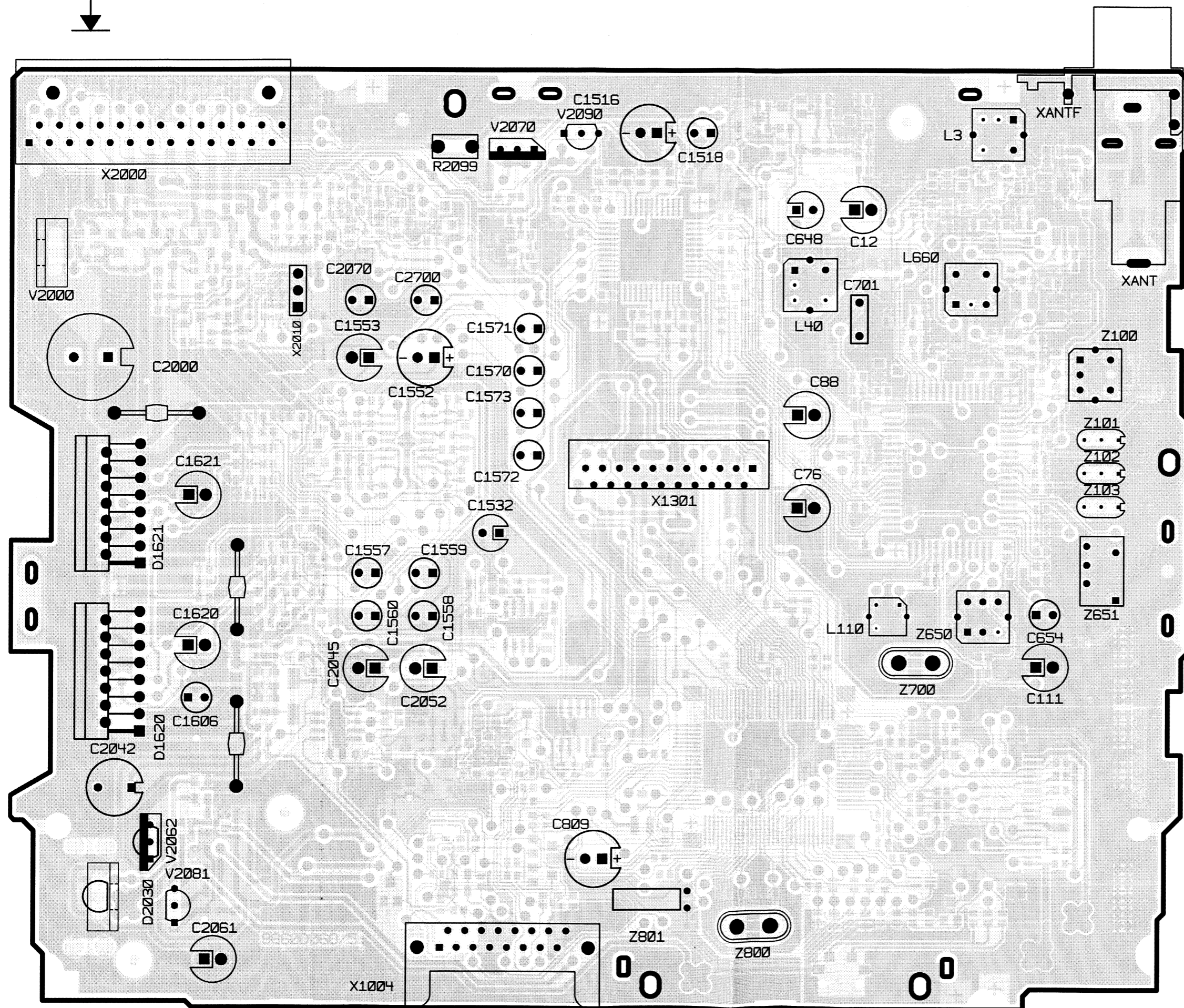


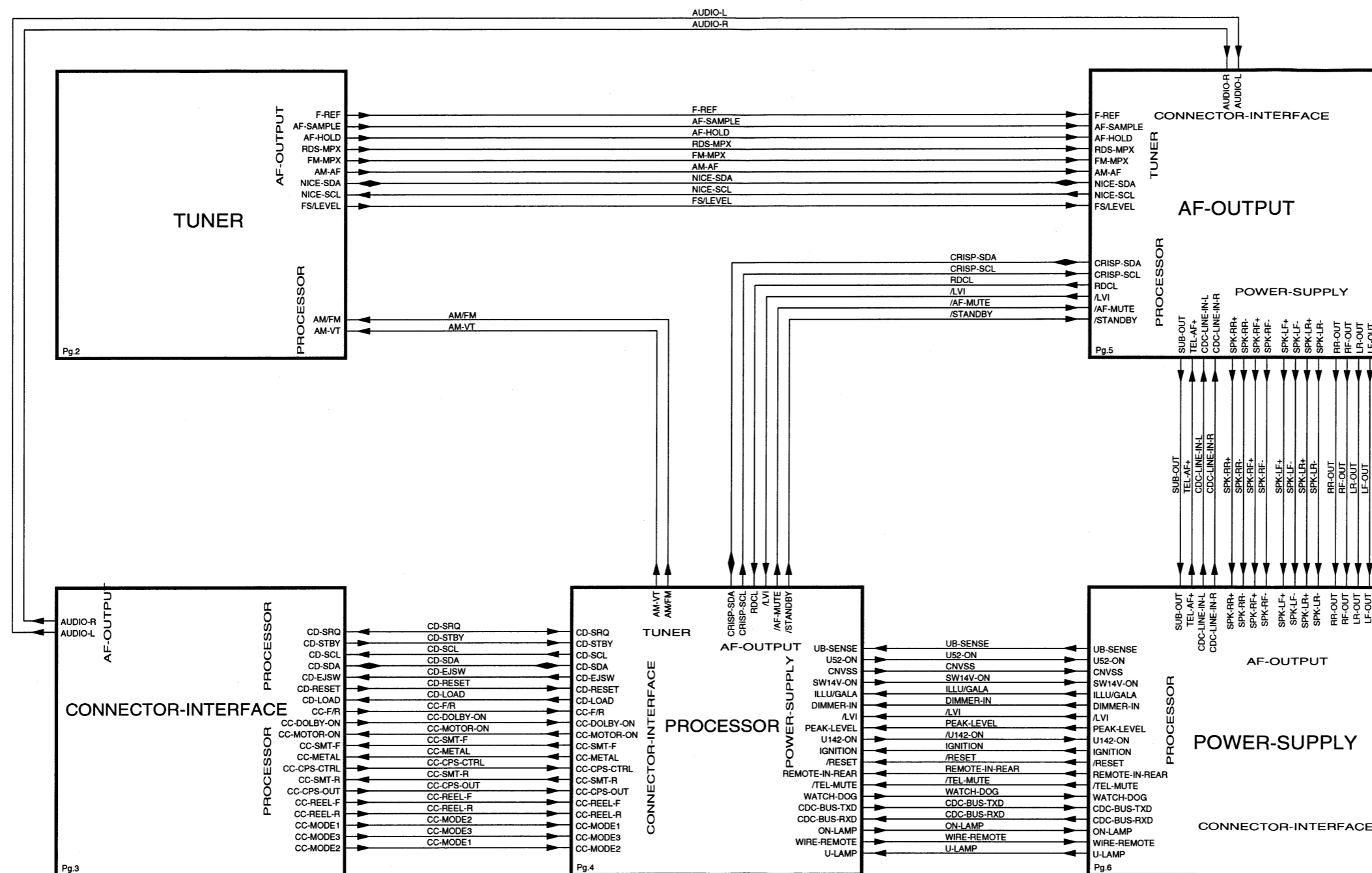
PL 9860 D04





Hauptplatte  
Main board  
PL 8 638 219 860 D06





HAUPTPLATTE  
MAIN BOARD  
Blockschaltbild  
Block diagram

[illegible]



PL 9860 D06

AF  
OUTPUT  
(refer Pg.5)

AUDIO-R  
AUDIO-L

CC-E/R  
CC-DOLBY-ON  
CC-SMT-F  
CC-METAL  
CC-CPS-CTRL  
CC-SMT-R  
CC-CPS-OUT  
CC-REEL-F  
CC-REEL-R  
CC-MODE2  
CC-MODE3  
CC-MODE1

PROCESSOR  
(refer Pg.4)

CC OPTION

BC369

CD OPTION

REGULATOR

X2030

D2030  
LM317P

IN OUT  
ADJ

R2031 22k R2032 470 R2033 68

R2034 3.3k R2035 2.7k

C2030 0.1u

B

CC-MOTOR-ON

V2030  
DTC143ZKA

B

STH10

C7901  
1n

FR8

FR807

FR808

FR2008

X2007

X2008

GP1

GUIDE  
PIN

GP2

X6

X7

X8

PK60

PK70

PK80

PK90

PK140

PK150

PK160

PK170

PK180

PK190

PK6U

PK7U

PK8U

PK9U

MODEL  
INDICATOR

T-LINE (RDS)  
[CD34]

T-LINE (NRDS)  
[CD33]

T-LINE (NRDS)  
[C33]

FUNLINE (LOW)  
[CD54]

FUTURE MODEL  
[CD/CC]

R9860

R9861

R9862

R9863

R9864

R9865

R9866

R9867

R9868

R9869

R8901

R8902

R8903

R8904

R8905

R1301 1k  
R1302 1k  
R1303 1k  
R1304 1k  
R1305 1k  
R1306 1k  
R1307 1k  
R1308 1k  
R1309 47k  
R1310 47k  
R1311 47k  
R1312 220  
R1313 47k  
R1314 47k  
R1315 47k  
C1301 10n  
U142  
U8  
U52  
U51

X1301  
1 F/R  
2 DOLBY-ON  
3 NF-R  
4 NF-L  
5 GND  
6 SMT-F  
7 METAL  
8 CPS-CTRL  
9 SMT-R  
10 14V  
11 8.5V  
12 CPS-OUT  
13 14V  
14 REEL-F  
15 GND  
16 REEL-R  
17 ANODE  
18 MODE2  
19 COLLECTOR  
20 MODE3  
21 MODE1

(TO "SOFT TOUCH" MECH.)  
FOR CC MODEL

R5221 1k  
R5231 1k  
R5202 6.8k  
R5205 6.8k  
R5207 100k  
R5208 6.8k  
R5209 220  
R5210 220  
R5211 47k  
R5203 100  
R5204 100  
R5206 220  
R5208 6.8k  
R5209 220  
R5210 220  
R5211 47k  
C5200 10n  
L5200 3.9uH  
U51  
U86  
MP5213  
MP5214  
MP5215  
MP5216  
MP5217  
MP5218  
MP5219  
MP5220  
MP5221  
MP5222  
MP5223  
MP5224  
MP5225  
MP5226  
MP5227  
MP5228  
MP5229  
MP5230  
MP5231  
MP5232  
MP5233  
MP5234  
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MP5288  
MP5289  
MP5290  
MP5291  
MP5292  
MP5293  
MP5294  
MP5295  
MP5296  
MP5297  
MP5298  
MP5299  
MP5300

19 20  
18 B-GND  
17 B-GND  
16 CD-AF-L  
15 AF-GND  
14 CD-AF-R  
13 CD-LOAD  
12 D-GND  
11 U51  
10 CD-RESET  
9 NC  
8 CD-EJSW  
7 CD-SDA  
6 NC  
5 CD-SCL  
4 CD-STBY  
3 CD-SRQ  
2 U86  
1 U86

(TO "S10" CD MECH.)  
FOR CD MODEL

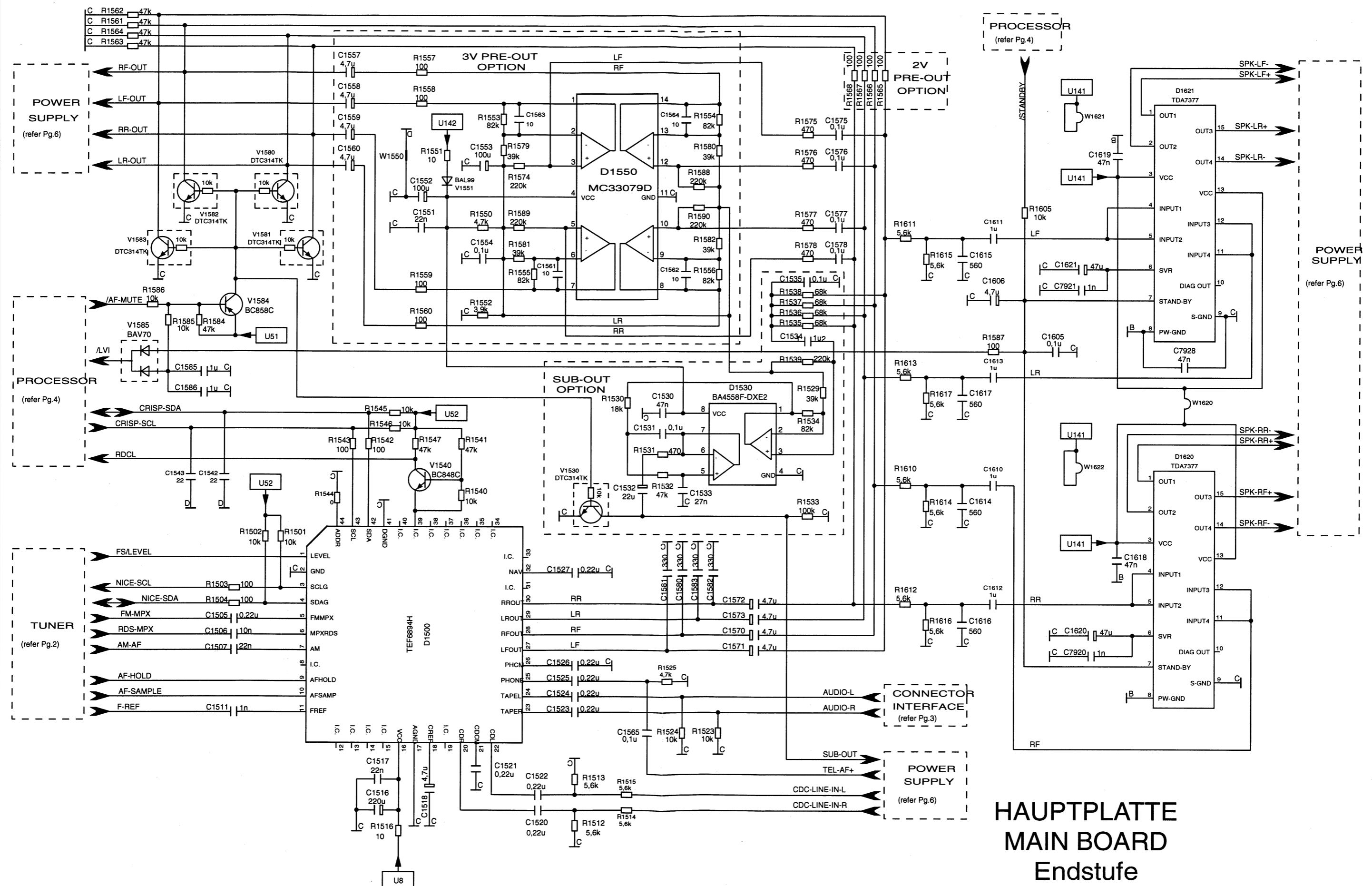
CD-RESET  
CD-EJSW  
CD-LOAD  
CD-SDA  
CD-SCL  
CD-SRQ  
CD-STBY  
U86  
U86  
X5200

PROCESSOR  
(refer Pg.4)

HAUPTPLATTE  
MAIN BOARD  
CD Interface

PL 9860 D06





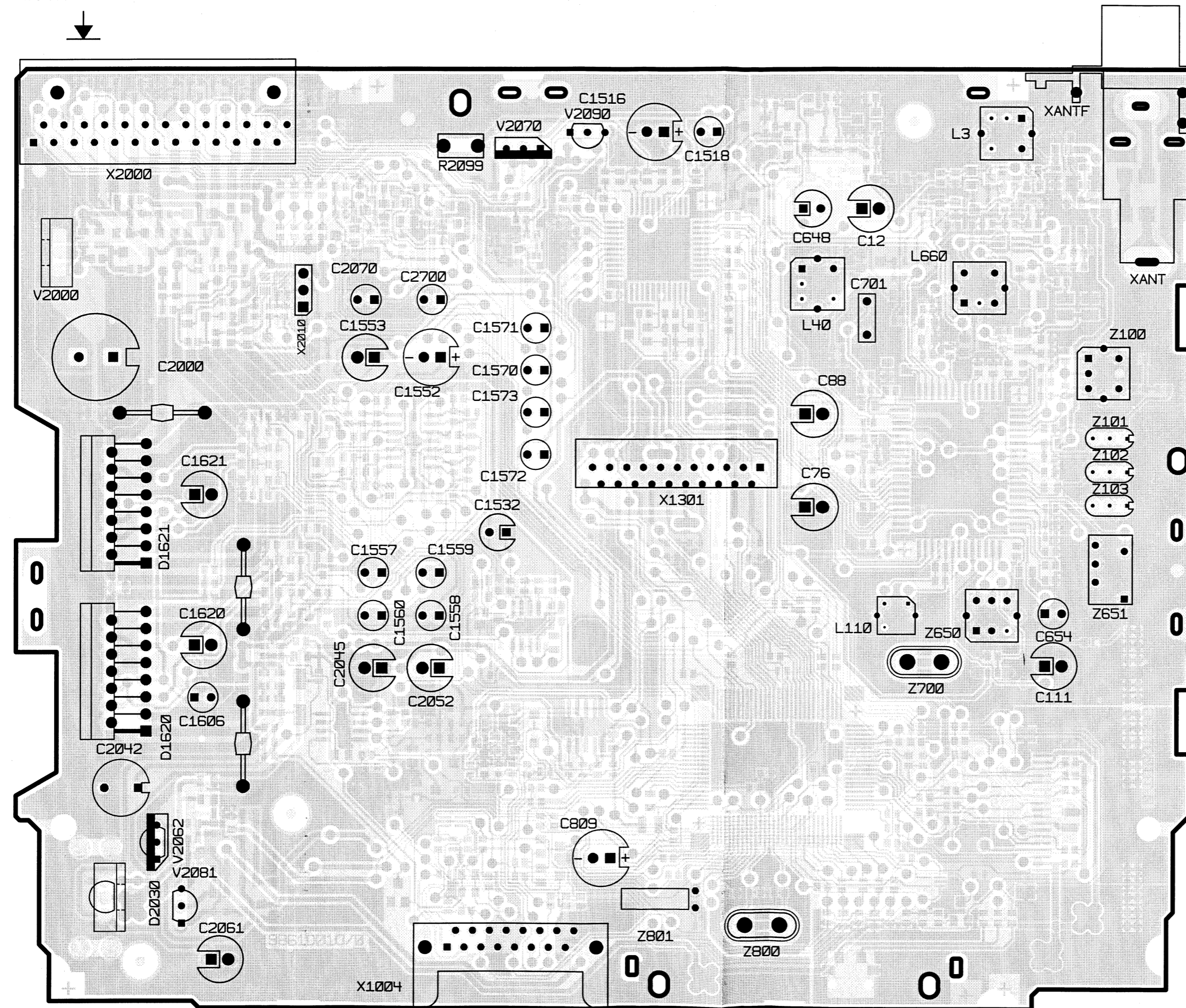
PL 9860 D06

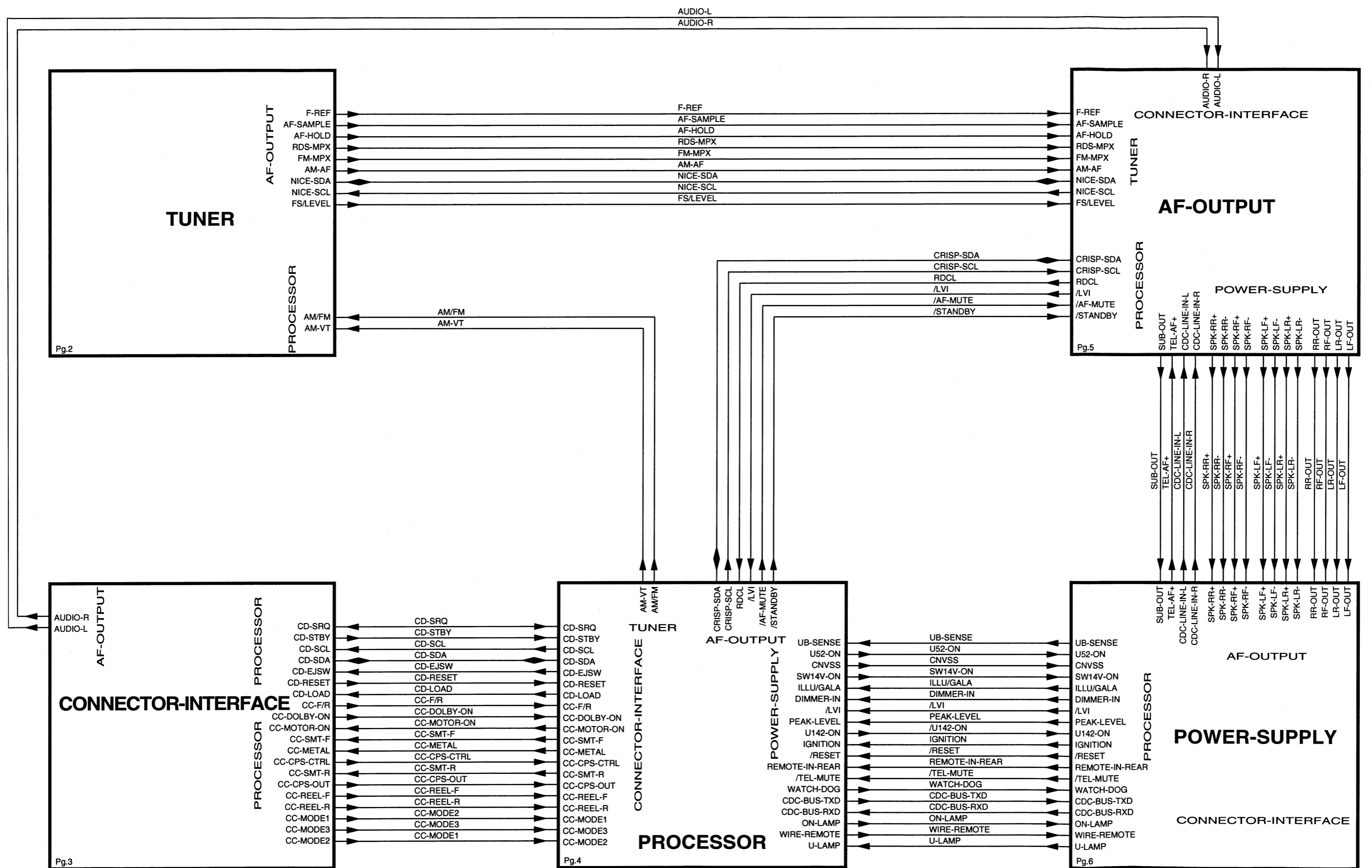






Hauptplatte  
Main board  
PL 8 638 219 861 D01





HAUPTPLATTE  
MAIN BOARD

Blockschaltbild  
Block diagram

PL 9861 D01

Feature													
	7 644 174 310	7 644 178 310	7 644 176 310	7 644 172 310	7 644 191 310	7 644 192 310	7 644 195 310	7 644 190 310	7 644 193 310	7 644 194 310	7 644 263 310	7 644 260 310	7 644 262 310
	8 638 219 861	8 638 219 861	8 638 219 861	8 638 219 861	8 638 219 861	8 638 219 861	8 638 219 861	8 638 219 861	8 638 219 892	8 638 219 893	8 638 219 861	8 638 219 861	8 638 219 861
	Fiat Panda MP3	Santa Cruz MP34	San Remo CD34	Alicante CD34	Porto CD34	Milano MP34	Valencia MP34	Brighton MP34	Dresden MP34	Freiburg CD34	Modena MP54 (Hyunda)	Modena MP54	Sevilla MP54
2V Preamp out	X	X	X	X	X	X	X	X	X	X			
3V Preamp out											X	X	X
Sub woofer out											X	X	X
Infra_red	X	X	X	X	X	X	X	X	X	X	X	X	X
Illu/Gala											X	X	X
CC Option/Model													
CD Option/Model	X	X	X	X	X	X	X	X	X	X	X	X	X
Dimmer Option	X	X		X		X	X	X	X		X	X	X
AM-VT Option													
C631/C635 (180pF)	X	X	X	X	X	X	X	X	X	X	X	X	X
C632 (1,5nF)	X	X	X	X	X	X	X	X	X	X	X	X	X
C633 (330pF)	X	X	X	X	X	X	X	X	X	X	X	X	X
C634 (0,47uF)													
C648	22uF	22uF	22uF	22uF	22uF	22uF	22uF	22uF	22uF	22uF	22uF	22uF	22uF
D2030 (BC369)	LM317P	LM317P	LM317P	LM317P	LM317P	LM317P	LM317P	LM317P	LM317P	LM317P	LM317P	LM317P	LM317P
L2 (0,18uH)													
L4 (0,18uH)	X	X	X	X	X	X	X	X	X	X	X	X	X
L635 (560uH)	X	X	X	X	X	X	X	X	X	X	X	X	X
L637 (68uH)	X	X	X	X	X	X	X	X	X	X	X	X	X
L638 (560uH)	X	X	X	X	X	X	X	X	X	X	X	X	X
L660 (796KHz)													
R604	1,8K	1,8K	1,8K	1,8K	1,8K	1,8K	1,8K	1,8K	1,8K	1,8K	1,8K	1,8K	1,8K
R605 (150K)	X	X	X	X	X	X	X	X	X	X	X	X	X
R606	1K	1K	1K	1K	1K	1K	1K	1K	1K	1K	1K	1K	1K
R608 (0R)													
R609 (220K)													
R611	8,2K	8,2K	8,2K	8,2K	8,2K	8,2K	8,2K	8,2K	8,2K	8,2K	8,2K	8,2K	8,2K
R631 (0R)	X	X	X	X	X	X	X	X	X	X	X	X	X
R632 (0R)													
R634 (22K)													
R635	150R	150R	150R	150R	150R	150R	150R	150R	150R	150R	150R	150R	150R
R644	1K	1K	1K	1K	1K	1K	1K	1K	1K	1K	1K	1K	1K
R660 (1K)	X	X	X	X	X	X	X	X	X	X	X	X	X
R662 (82R)	X	X	X	X	X	X	X	X	X	X	X	X	X
R2031 (22K)													
R2032 (470R)	X	X	X	X	X	X	X	X	X	X	X	X	X
R2033 (68R)	X	X	X	X	X	X	X	X	X	X	X	X	X
R2034 (3,3K)													
R2035 (2,7K)	X	X	X	X	X	X	X	X	X	X	X	X	X
R2701 (39K)	X	X		X		X	X	X	X		X	X	X
R2702	47K	47K	27K	47K	27K	47K	47K	47K	47K	27K	47K	47K	47K
R2081	0R	0R	0R	0R	0R	0R	0R	0R	0R	0R	0R	0R	0R
R2082	0R	0R	0R	0R	0R	0R	0R	0R	0R	0R	0R	0R	0R
V634 (HVR100)													
V2030 (DTC143)													
V2062	BD436	BD436	BD436	BD436	BD436	BD436	BD436	BD436	BD436	BD436	BD436	BD436	BD436



AF  
OUTPUT  
(refer Pg.5)

AUDIO-R  
AUDIO-L

CC-F/R  
CC-DOLBY-ON  
CC-SMT-F  
CC-METAL  
CC-CPS-CTRL  
CC-SMT-R  
CC-CPS-OUT  
CC-REEL-F  
CC-REEL-R  
CC-MODE2  
CC-MODE3  
CC-MODE1

PROCESSOR  
(refer Pg.4)

CC OPTION

BC369

CD OPTION

REGULATOR

X2030

D2030

LM317P

IN OUT 2

ADJ 1

R2031

22k

R2032

47k

R2033

68

R2034

3.3k

R2035

2.7k

C2030

0.1u

B

4.7k

47k

V2030

DTC143ZKA

CC-MOTOR-ON

STH10

C7901

1n

FR8

FR807

FR808

FR2008

X2007

X2008

GP1

GUIDE

PIN

GP2

X6

X7

X8

PK60

PK70

PK80

PK90

PK140

PK150

PK160

PK170

PK180

PK190

PK6U

PK7U

PK8U

PK9U

MODEL  
INDICATOR

T-LINE (RDS)  
[CD34]

T-LINE (NRDS)  
[CD33]

T-LINE (NRDS)  
[C33]

FUNLINE (LOW)  
[CD54]

FUTURE MODEL  
[CD/CC]

R9860 R9861 R9862

R9863 R9864 R9865 R9866

R9867

R9868 R9869

R8901 R8902 R8903 R8904 R8905

R1301 1k  
R1302 1k  
R1303 1k  
R1304 1k  
R1305 1k  
R1306 1k  
R1307 1k  
R1308 1k  
R1316 1k  
R1309 47k  
R1310 47k  
R1311 47k  
R1312 220  
R1314 47k  
R1313 47k  
R1315 47k

U52

C C1301 10n

U8

U142

U86

U51

U52

C5222 3.3n

C5232 3.3n

MP5213

B C5200 10n

U51

L5200 3.9uH

MP5212

MP5214

MP5216

MP5215

MP5211

MP5208

MP5201

MP5210

MP5207

MP5205

MP5204

MP5203

MP5202

MP5201

MP5201

MP5201

MP5201

MP5201

MP5201

MP5201

MP5201

MP5201

MP5201

MP5201

MP5201

MP5201

X1301  
1 F/R  
2 DOLBY-ON  
3 NF-R  
4 NF-L  
5 GND  
6 SMT-F  
7 METAL  
8 CPS-CTRL  
9 SMT-R  
10 14V  
11 8.5V  
12 CPS-OUT  
13 14V  
14 REEL-F  
15 GND  
16 REEL-R  
17 ANODE  
18 MODE2  
19 COLLECTOR  
20 MODE3  
21 MODE1

(TO "SOFT TOUCH" MECH.)  
FOR CC MODEL

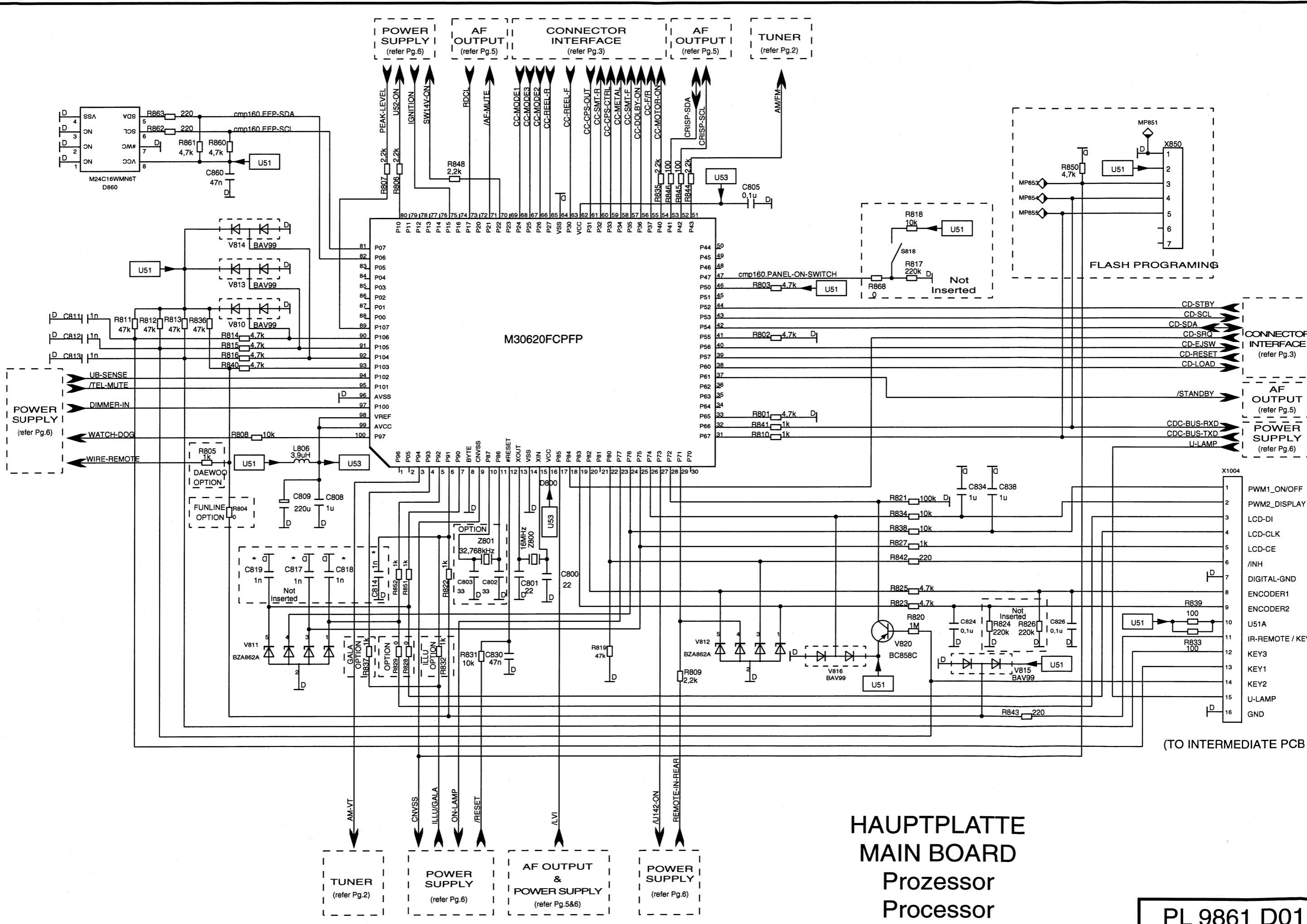
TN 708.3

(TO "S10" CD MECH.)  
FOR CD MODEL

no documentation

HAUPTPLATTE  
MAIN BOARD  
CD Interface

PL 9861 D01



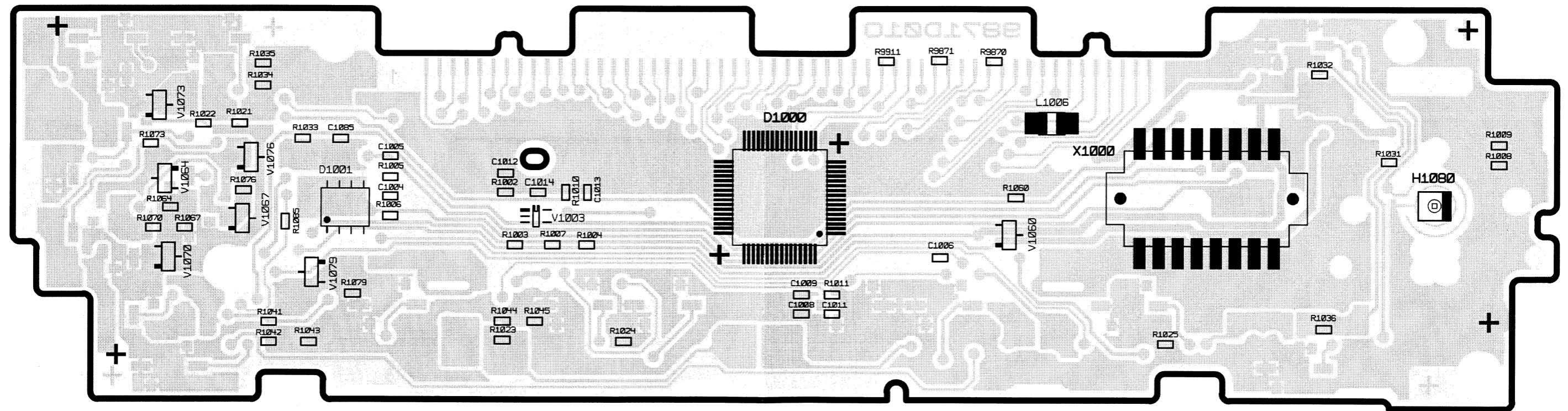
HAUPTPLATTE  
MAIN BOARD  
Prozessor  
Processor

PL 9861 D01









Schalterplatte  
Key board  
PL 8 638 219 871 D01  
+Chip

